



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Thermo-Kool/Mid-South Industries, Inc.
723 East 21st Street (P. O. Box 989)
Laurel, Mississippi 39441

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Walk-In Cooler / Freezer

APPROVAL DOCUMENT: Drawing No. 09-MSI-01, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated January 06, 2009, last revision #2 dated March 30, 2012, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #10-0520.07 and consists of this page 1, evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
08/02/2012

NOA No. 12-0406.09
Expiration Date: 03/04/2014
Approval Date: 08/02/2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #03-1023.01

A. DRAWINGS

1. *Drawing No. 02-564, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich and Associates, Inc., signed and sealed by V. J. Knezevich, P.E., dated October 01, 2003, last revision #1 dated January 21, 2004.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test, Axial Load Test, and Racking load Test on Metal Sheathed Urethane Foam Filled Modular Panel Walk-in Coolers / Freezers, prepared by Construction Testing Corporation, Report No.03-011, dated July 21, 2003, signed and sealed by Yamil G. Kuri, P.E.*

C. CALCULATIONS

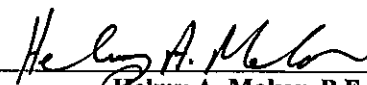
1. *Calculation titled "Walk-in Cooler / Freezer", dated October 01, 2003, pages 1 through 21 of 21, prepared by Knezevich & Associates, Inc., signed and sealed by V. J. Knezevich, P.E.*
2. *Revised calculation titled "Walk-in Cooler / Freezer", dated January 19, 2004, pages 1 through 21 of 21, prepared by Knezevich & Associates, Inc., signed and sealed by V. J. Knezevich, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *Mill Certified Test Report issued by GalvTech, dated 03/10/97, with the Chemical analysis and Mechanical Properties for 22 gauge (0.0296") G-90 Steel conforming to ASTM A-653.*
2. *Mill Certified Test Report issued by Alumax Mill Products, dated 09/18/97, with the Chemical composition and Mechanical Properties for 0.032" thick White Embossed 3105-H154 Aluminum Alloy.*
3. *Mill Certified Test Report issued by Alumax Mill Products, dated 09/04/97, with the Chemical composition and Mechanical Properties for 0.040" thick Smooth White 3105-H14 Aluminum Alloy.*
4. *Tensile Test Report No. CTL #756C, prepared by Certified Testing Laboratories, dated 10/28/97, signed and sealed by Ramesh Patel, P.E.*
5. *Tensile Test Report No. CTL #614C, prepared by Certified Testing Laboratories, dated 09/04/97, signed and sealed by Ramesh Patel, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0406.09

Expiration Date: 03/04/2014

Approval Date: 08/02/2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #05-1003.05

A. DRAWINGS

1. *Drawing No. 05-435, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Thornton-Tomasetti Group, signed and sealed by J. W. Knezevich, P.E., dated September 26, 2005, last revision #0 dated September 26, 2005.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculation titled "Walk-in Cooler / Freezer", dated September 29, 2005, pages 1 through 16 of 16, prepared by Thornton-Tomasetti Group, signed and sealed by J. W. Knezevich, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #09-0127.08

A. DRAWINGS

1. *Drawing No. 09-MSI-01, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated January 06, 2009.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0406.09
Expiration Date: 03/04/2014
Approval Date: 08/02/2012

Thermo-Kool/Mid-South Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 10-0520.07

A. DRAWINGS

1. *Drawing No. 09-MSI-01, titled " Walk-In Cooler / Freezer ", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated January 06, 2009, last revision #1 dated May 04, 2010.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 09-MSI-01, titled " Walk-In Cooler / Freezer ", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated January 06, 2009, last revision #2 dated March 30, 2012.*

B. TESTS

1. *None.*

C. CALCULATIONS

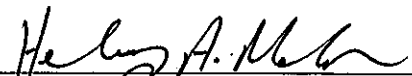
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*



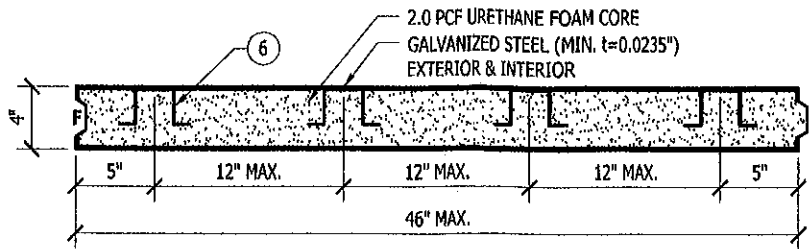
Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0406.09
Expiration Date: 03/04/2014
Approval Date: 08/02/2012

GENERAL NOTES:

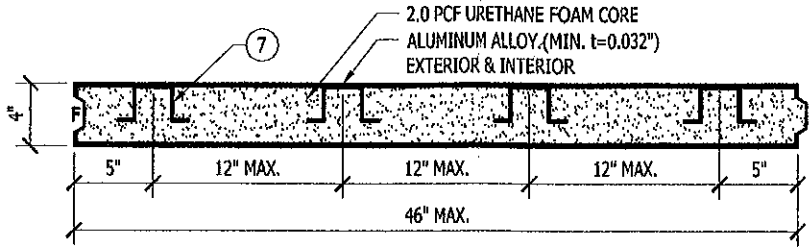
1. THESE PRODUCT EVALUATION DOCUMENTS REPRESENT A WALK-IN COOLER/FREEZER SYSTEM ANALYZED WITH THE PROVISIONS SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PERMITTING, ENVIRONMENTAL AND REGULATORY AFFAIRS, PRODUCT CONTROL SECTION. THESE DOCUMENTS COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS OF THE FLORIDA BUILDING CODE (FBC), 2010 EDITION.
2. FOR AREAS OUTSIDE OF THE HVHZ, SITE SPECIFIC ENGINEERING IS REQUIRED TO VERIFY THE SITE SPECIFIC DESIGN WIND LOADS AND PANEL TESTING COMPLY WITH THE TESTING REQUIREMENTS OF FBC SECTION 1715.3.
3. THESE PRODUCT EVALUATION DOCUMENTS ADDRESS THE STRUCTURAL REQUIREMENTS FOR COMPLIANCE WITH THE STRUCTURAL PORTIONS OF THE NOTED CODES. MECHANICAL, ELECTRICAL AND WATERPROOFING REQUIREMENTS ARE NOT PART OF THE EVALUATION. SPECIFIC USE OF THE EVALUATION REQUIRES THE ARCHITECT OR ENGINEER OF RECORD TO ADDRESS THE MECHANICAL, ELECTRICAL, AND WATERPROOFING REQUIREMENTS FOR THE INSTALLATION.
4. DESIGN LOADS:
- A. ROOF:
- I. DEAD LOAD: 3.5 PSF
- II. LIVE LOAD: 30 PSF
- III. MECHANICAL EQUIPMENT: 330 LBS MAXIMUM, PROVIDE MINIMUM 4'-0" SPACING.
- B. WALLS:
- I. DEAD LOAD: 2.0 PSF
- C. FLOORS:
- I. DEAD LOAD: 4.0 PSF
- II. LIVE LOAD: 250 PSF
- D. WIND LOADS SHALL BE DETERMINED IN ACCORDANCE WITH THE CODE PROVISIONS AT THE TIME OF PERMIT BASED ON THE SITE SPECIFIC CONDITIONS. SEE TABLE 3 ON SHEET 2 FOR ALLOWABLE WIND LOADS USED IN THE DESIGN OUTLINED WITHIN THESE DOCUMENTS. THE WIND LOADS REFERENCED WITHIN THESE DOCUMENTS ARE ALLOWABLE LOADS FOR USE IN ACCORDANCE WITH FBC SECTION 1609.1.5 WHERE WIND LOAD RESISTANCE IS BASED ON TESTING. LOADS DETERMINED IN ACCORDANCE WITH ASCE 7-10 ARE PERMITTED TO BE MULTIPLIED BY 0.6 WHEN USED WITH THESE DOCUMENTS.
5. THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE SPECIFIC APPLICATION OF THIS WALK-IN COOLER/FREEZER SYSTEM.
6. THESE DOCUMENTS REPRESENT THE STRUCTURAL AND MATERIAL REQUIREMENTS OF THE WALK-IN COOLER/FREEZER STRUCTURE. THESE APPROVAL DOCUMENTS SHALL NOT BE APPLIED BY THE CONTRACTOR, ON A SPECIFIC SITE WITHOUT THE INVOLVEMENT OF AN ARCHITECT OR ENGINEER OF RECORD (A/E OF RECORD). THE A/E OF RECORD SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE CODE REQUIREMENTS OF A SPECIFIC INSTALLATION INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
- A. VERIFY THE SITE SPECIFIC WIND LOAD REQUIREMENTS ARE WITHIN THE CRITERIA USED TO DEVELOP THESE DOCUMENTS AND THE UNIT IS CONFIGURED IN COMPLIANCE WITH THE LIMITATIONS HEREIN.
- B. VERIFY THE FOUNDATION DESIGN IS ADEQUATE TO RESIST THE FOUNDATION LOADS IDENTIFIED IN TABLE 1.
- C. VERIFY THE EXISTING BUILDING IS ADEQUATE TO RESIST THE SUPERIMPOSED LOADS IDENTIFIED IN TABLE 1.
- D. WEATHER PROTECTION, ARCHITECTURAL, MECHANICAL, AND ELECTRICAL REQUIREMENTS ARE OUTSIDE THE SCOPE OF THESE DOCUMENTS. DETERMINE AND/OR PROVIDE FOR COMPLIANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
7. THESE APPROVAL DOCUMENTS COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
8. ANY MODIFICATIONS OR ADDITIONS TO THESE APPROVAL DOCUMENTS WILL VOID THE APPROVAL DOCUMENTS.
9. WHEN THE SITE CONDITIONS DEVIATE FROM THESE APPROVAL DOCUMENTS, THESE APPROVAL DOCUMENTS DO NOT APPLY.
10. ALL BOLTS AND SCREWS SHALL BE 2024-T4 ALUMINUM ALLOY, ELECTRO-GALVANIZED STEEL, HOT DIPPED GALVANIZED STEEL OR 300 SERIES STAINLESS STEEL WITH A MIN. TENSILE STRENGTH OF 60 KSI.
11. ALL CONCRETE ANCHORS SHALL BE AS SPECIFIED ON THE DRAWINGS. EMBEDMENT LENGTHS NOTED ON THE DRAWINGS SHALL NOT INCLUDE FINISH MATERIAL.
12. DISSIMILAR METALS IN CONTACT WITH EACH OTHER SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC CHAPTER 20, SECTION 2003.8.4.
13. AN ALLOWABLE STRESS INCREASE IS NOT USED IN THE DESIGN OF THE COOLER/ FREEZER UNIT NOR ITS ATTACHMENTS.

RIGID URETHANE FOAM SANDWICH PANEL SPECIFICATIONS

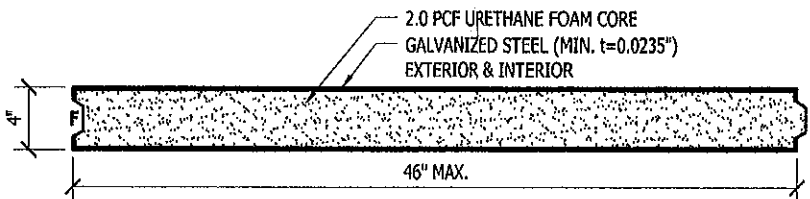
1. WALL & ROOF COMPOSITE SANDWICH PANELS ARE COMPRISED OF ALUMINUM OR STEEL FACINGS WITH POURED URETHANE PLASTIC CORES. THICKNESS AND MATERIAL OF FACINGS SHALL BE AS SHOWN ON THE DRAWINGS.
2. ALUMINUM FACINGS SHALL BE 3003-H14 ALLOY WITH MIN. FY=23.2 KSI FOR INTERIOR AND EXTERIOR USE.
3. STEEL FACINGS SHALL COMPLY WITH ASTM A653 CQ WITH A MIN. FY=31.0 KSI, MIN. THICKNESS OF 0.0235" AND A G90 COATING.
4. MINIMUM DENSITY OF URETHANE PANEL CORE SHALL BE 2.0 PCF.
5. URETHANE FOAM CORE SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 75 AND SHALL HAVE A SMOKE-DEVELOPED RATING OF NOT MORE THAN 450 IN ACCORDANCE WITH F.B.C. 2612.3.1.1.
6. METAL FACINGS SHALL BE ADHERED TO FOAM WITH HELMITEN ADHESIVE 4012 RD AIR SPRAYED ONTO METAL FACINGS AT A RATE OF 0.117 OUNCES PER SQUARE FOOT.
7. FOR SPECIFIC REQUIREMENTS OF WALK-IN COOLERS, SEE F.B.C. 2612.3.2.1 AND 2612.3.2.2



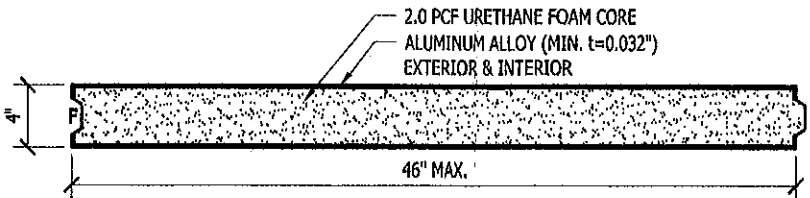
RA ROOF PANEL TYPE "A" - MAX. LENGTH 11'-0"
SCALE: 1" = 1'-0"



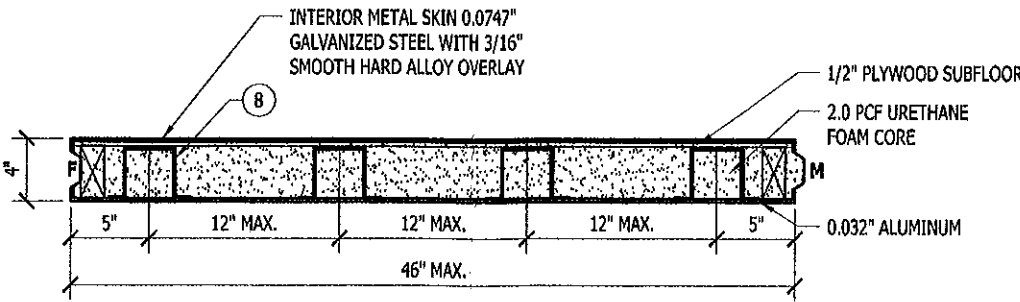
RB ROOF PANEL TYPE "B" - MAX. LENGTH 10'-4"
SCALE: 1" = 1'-0"



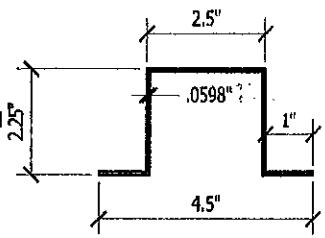
WA WALL PANEL TYPE "A" - MAX. CLEAR HEIGHT 10'-0"
SCALE: 1" = 1'-0"



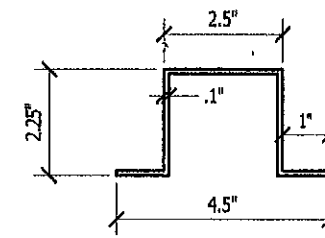
WB WALL PANEL TYPE "B" - MAX. CLEAR HEIGHT 9'-7"
SCALE: 1" = 1'-0"



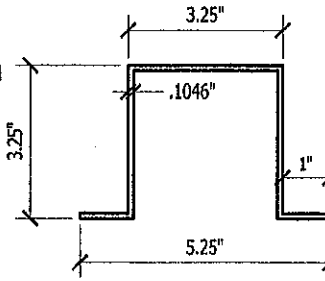
FP FLOOR PANEL
SCALE: 1" = 1'-0"



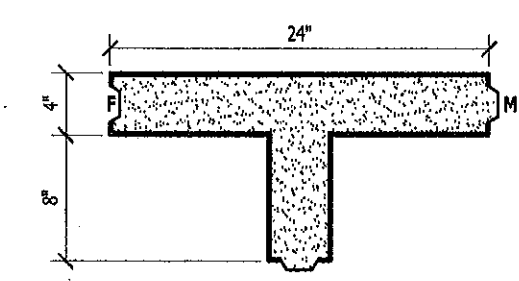
STRUCTURAL SUPPORT
"HAT" CHANNEL (STEEL)
SCALE: 3" = 1'-0"



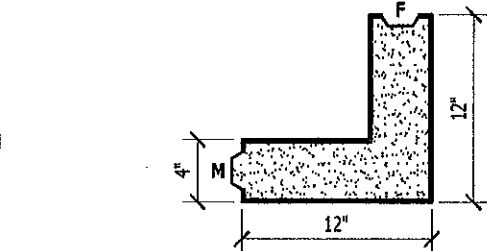
STRUCTURAL SUPPORT
"HAT" CHANNEL (ALUM.)
SCALE: 3" = 1'-0"



STRUCTURAL SUPPORT
"HAT" CHANNEL (FLOOR)
SCALE: 3" = 1'-0"



WA-T OR WB-T WALL PANEL (TEE SECTION)
SCALE: 1" = 1'-0"



WA-C OR WB-C WALL PANEL (CORNER SECTION)
SCALE: 1" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0406.09
Expiration Date 03/04/2014
By *Halley A. Mohr*
Miami Dade Product Control

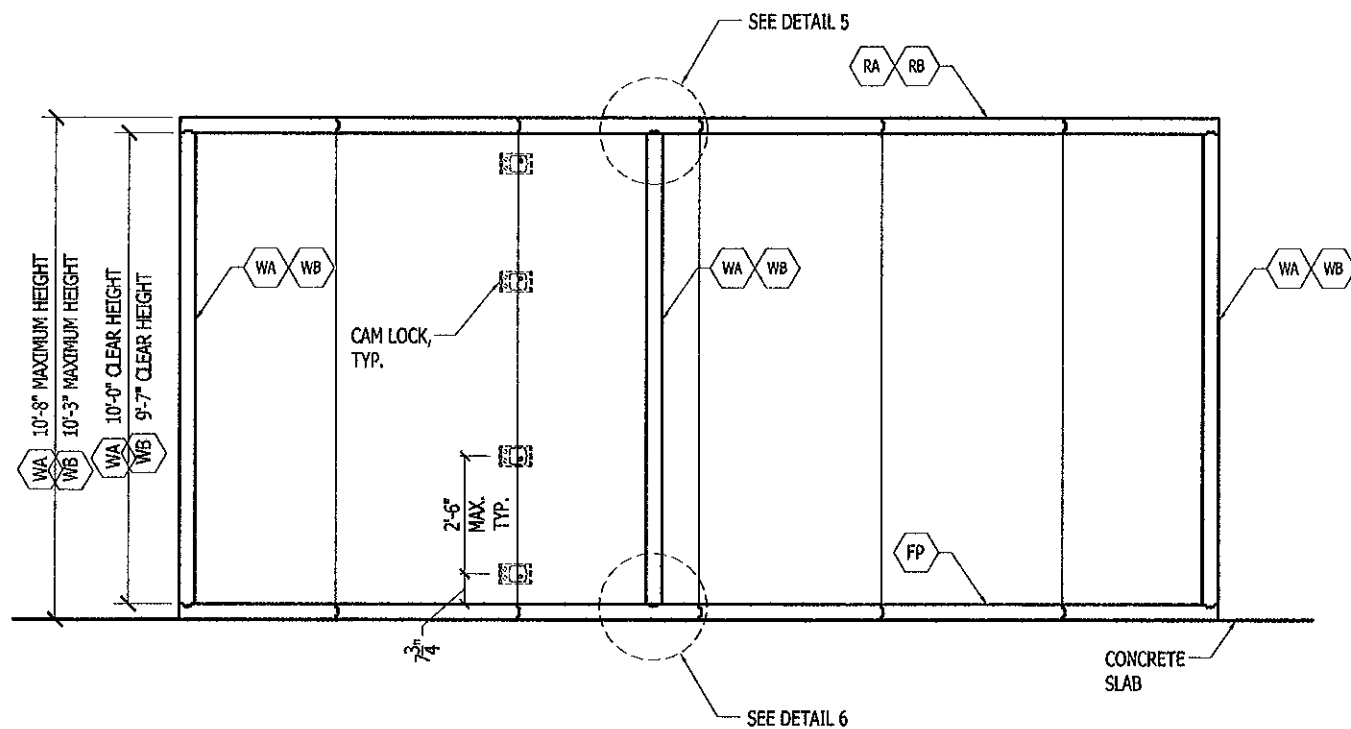
KNEZEVICH CONSULTING
KNEZEVICH CONSULTING, LLC
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T 954.772.6224 * F 954.320.6451 * COA 27988
website: www.knezevich.com

WALK-IN COOLER / FREEZER
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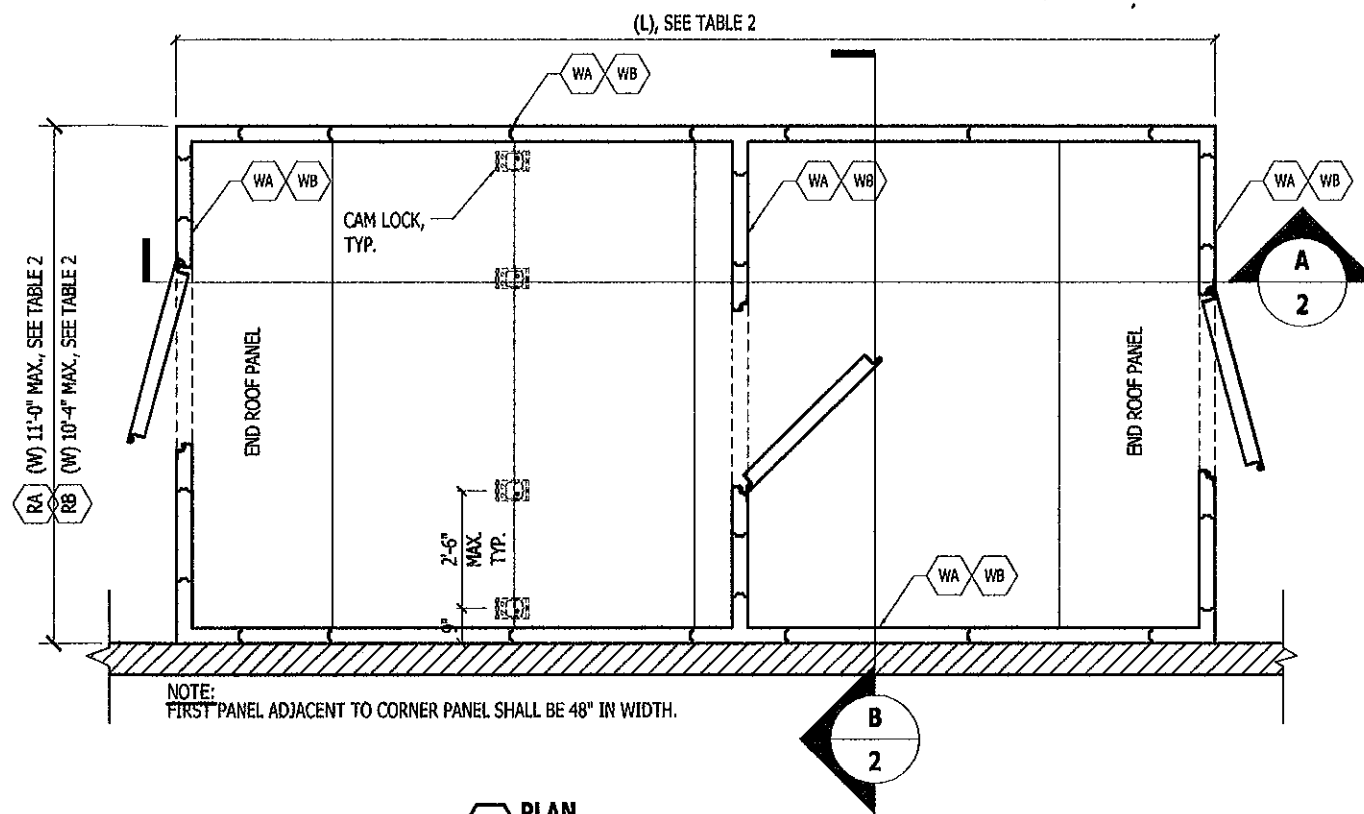
| revisions | | description |
|-----------|----------------|--|
| no | date | description |
| 1 | 05/04/2010 JWC | CHANGE HINGE INFORMATION AND GENERAL NOTES |
| 2 | 08/30/2012 JWC | REVISE NOTES FOR REC2010 |

J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

drawn by *ARV* scale AS NOTED
date 01/06/2009
drawing no. 09-MSI-01
sheet 1 of 5



A SECTION (TYP.)
SCALE: 1/4" = 1'-0"



C PLAN
SCALE: 1/4" = 1'-0"

| TABLE 1 | LOADS FOR FOUNDATION DESIGN | NET WIND UPLIFT (P_v) AND SHEAR (P_H) FORCES | |
|---------|-----------------------------|--|--------------|
| | | ROOF PANEL MAXIMUM SPAN | |
| | | RA = 11'-0" | RB = 10'-4" |
| | P_v | - 350 # / FT | - 342 # / FT |
| | P_H | ± 245 # / FT | ± 235 # / FT |

| TABLE 2 | UNIT WIDTH (W) FT - IN | UNIT LENGTH (L) MINIMUM NUMBER OF 46" PANELS ON EXTERIOR WALL FOR A GIVEN UNIT WIDTH (W) | |
|---------|---------------------------------|--|----|
| | | WA | WB |
| | LESS OR EQUAL TO 6'-8" | - | 2 |
| | GREATER THAN 6'-8" UP TO 10'-4" | - | 3 |
| | LESS OR EQUAL TO 8'-5" | 3 | - |
| | GREATER THAN 8'-5" UP TO 11'-0" | 4 | - |

| TABLE 3 | ZONES | ALLOWABLE WIND LOADS (PSF) | | | | | | | | | |
|---------|----------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | ROOF | | | | | | WALL | | | |
| | | RA | RB | RB | WA | WB | WB | WA | WB | WB | WB |
| | NEGATIVE | -43.9 | -60.2 | -74.3 | -44.0 | -61.0 | -76.1 | -42.8 | -50.2 | -42.8 | -50.2 |
| | POSITIVE | +16.4 | | | +16.5 | | | +39.3 | | +39.3 | |

TABLE 1 NOTES:

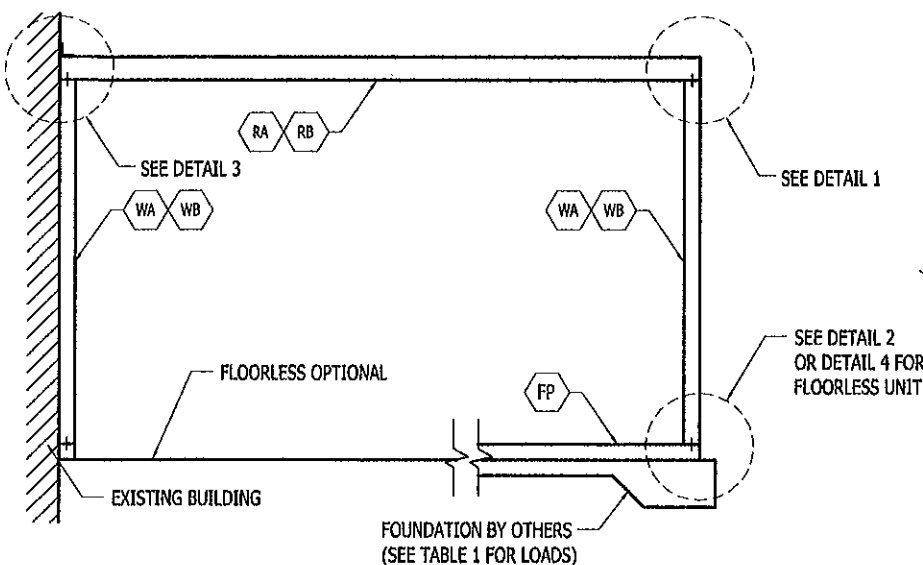
- NET WIND FORCES REPRESENT THE REACTIONS FROM ALLOWABLE STRESS WIND LOAD COMBINATIONS ASSUMING MAXIMUM ROOF PANEL SPANS AND MAXIMUM WALL PANEL HEIGHTS.
- P_v REPRESENTS THE VERTICAL WIND REACTION
- P_H REPRESENTS THE HORIZONTAL WIND REACTION.
- MW REPRESENTS THE MOMENT PARALLEL TO THE PLANE OF THE FRONT WALLS, RESISTING OVERTURNING. ASSUMED TO ACT ON EACH PANEL.

TABLE 2 NOTES:

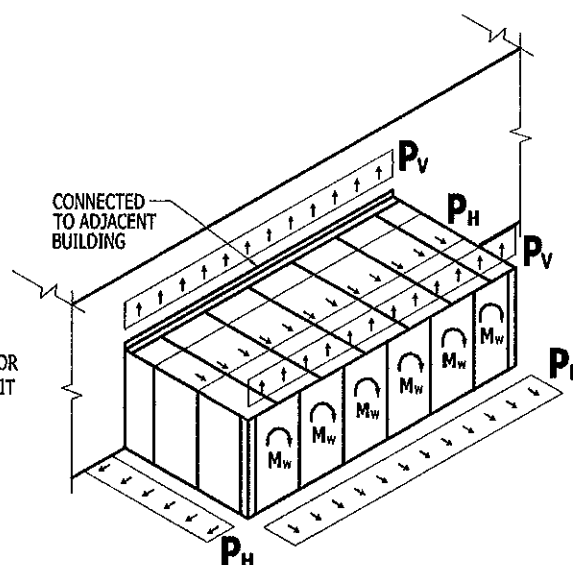
- THIS TABLE SPECIFIES THE MINIMUM NUMBER OF 46" PANELS REQUIRED ON THE FRONT WALL OF THE UNIT TO ESTABLISH THE LATERAL LOAD RESISTANCE NECESSARY FOR A GIVEN ROOF SPAN.
- FOUNDATIONS SHALL BE DESIGNED TO RESIST THE OVERTURNING MOMENT DUE TO WIND LOADS PARALLEL TO THE HOST STRUCTURE WALL RESISTED BY SHEARWALL ACTION OF THE FRONT PANELS.

TABLE 3 NOTES:

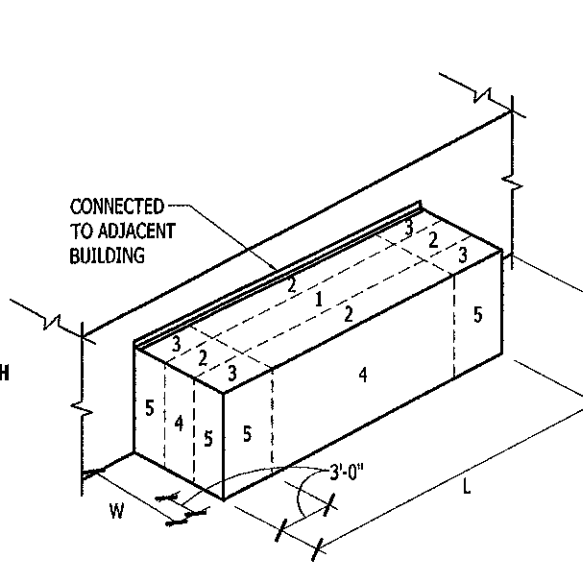
- ALLOWABLE WIND LOADS SHOWN REPRESENT THE COMPONENT WIND LOADS USED IN THE DESIGN SHOWN HEREIN. TO DETERMINE COMPLIANCE, SITE SPECIFIC WIND LOADS SHALL BE MULTIPLIED BY THE LOAD FACTOR 0.6 WHEN COMPARING TO THESE VALUES.
- SITE SPECIFIC WIND LOADS DETERMINED IN ACCORDANCE WITH GENERAL NOTES 4.D AND 6.A SHALL BE LESS THAN OR EQUAL TO THESE LOADS.
- ALLOWABLE WIND LOADS ARE BASED ON A FACTOR OF SAFETY OF 1.5 FOR WALL PANELS AND 2.0 FOR ROOF PANELS WITH A MINIMUM RECOVERY OF 80% IN ACCORDANCE WITH TAS 202 AND THE HVHZ PROVISIONS OF THE FBC.



B SECTION (TYP.)
SCALE: 1/4" = 1'-0"



D ISOMETRIC WITH FOUNDATION WIND LOADS
N.T.S.



E ISOMETRIC WITH WIND ZONES
N.T.S.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0406.09
Expiration Date 03/04/2014
By *Healy A. Miller*
Miami Dade Product Control

KNEZEVICH CONSULTING
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FAX: (601) 649-0558
www.thermokoool.com

| no | date | by | description |
|----|------------|-----|--|
| | | | |
| 1 | 05/04/2009 | JWK | CHANGE HINGE INFORMATION AND GENERAL NOTES |
| 2 | 05/30/2012 | JWK | REVISE NOTES FOR FBC 200 |

J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

drawn by *ARV* scale *AS NOTED*
date *01/06/2009*
drawing no. **09-MSI-01**
sheet 2 of 5



**KNEZEVICH
CONSULTING**
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website: www.knezevich.com


WALK-IN COOLER / FREEZER

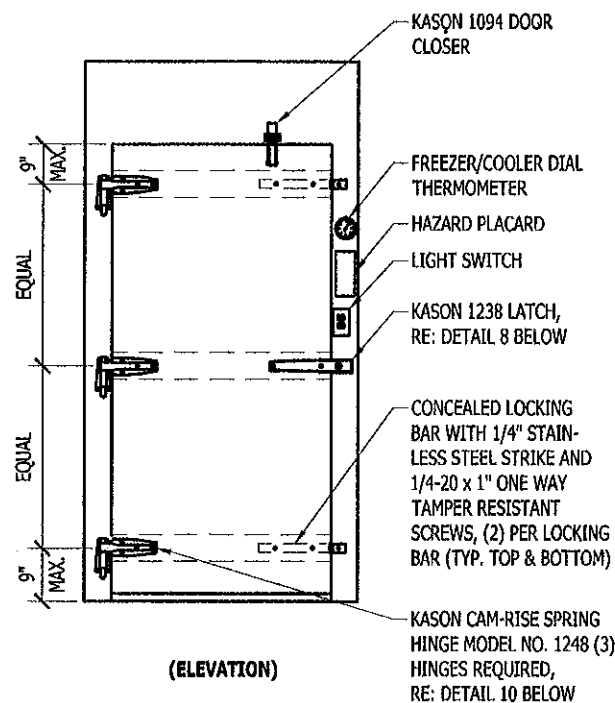
Thermo-Kool®

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FAX: (601) 649-0558
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J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

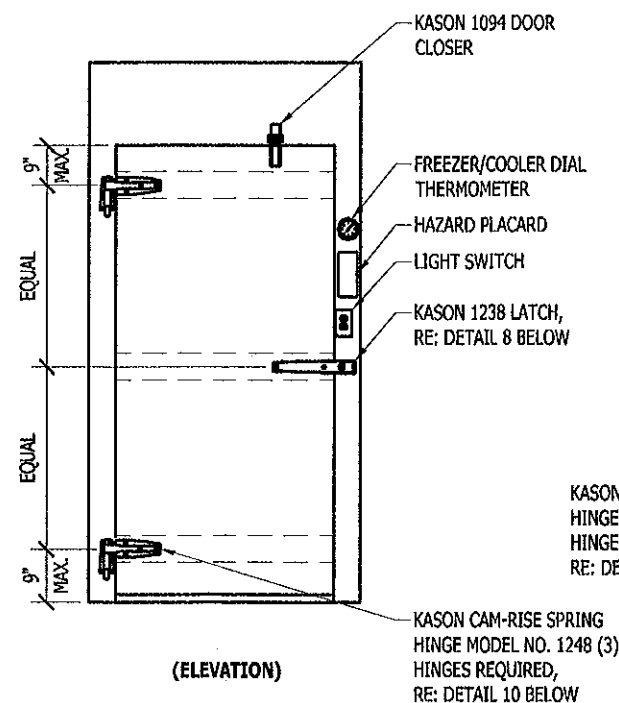
| | |
|---|--------------------------|
|  4/3/12 | |
| drawn by ARV | scale AS NOTED |
| date 01/06/2009 | |
| drawing no. 09-MSI-01 | |
| sheet 3 of 5 | |



ENTRANCE DOOR EXPOSED TO EXTERIOR

SCALE: 3/8" = 1'-0"

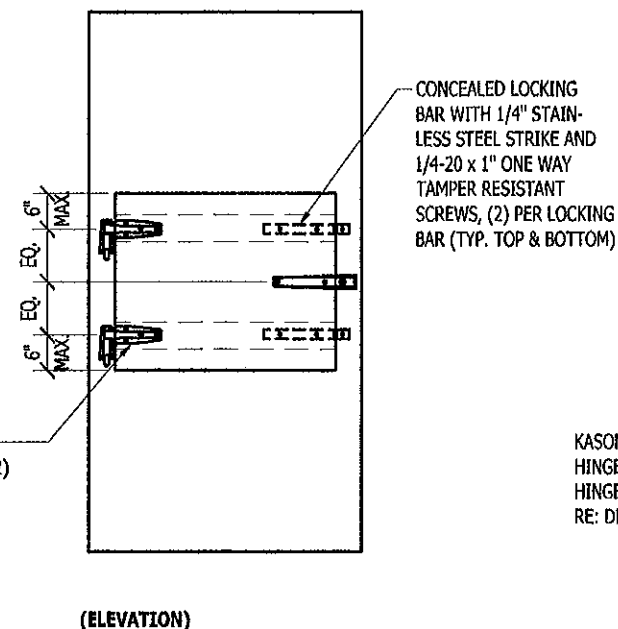
46"x91 3/4" MAX DS WITH 37"x77 11/16" DOOR
OPENING TYPE WA OR WB OR MIX & MATCH



PARTITION DOOR OR UNEXPOSED TO EXTERIOR

SCALE: 3/8" = 1'-0"

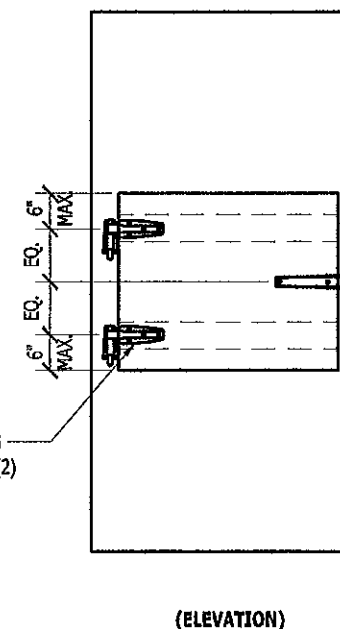
46"x91 3/4" MAX DS WITH 37"x77 11/16" DOOR
OPENING TYPE WA OR WB OR MIX & MATCH



REACH-IN DOOR EXPOSED TO EXTERIOR

SCALE: 3/8" = 1'-0"

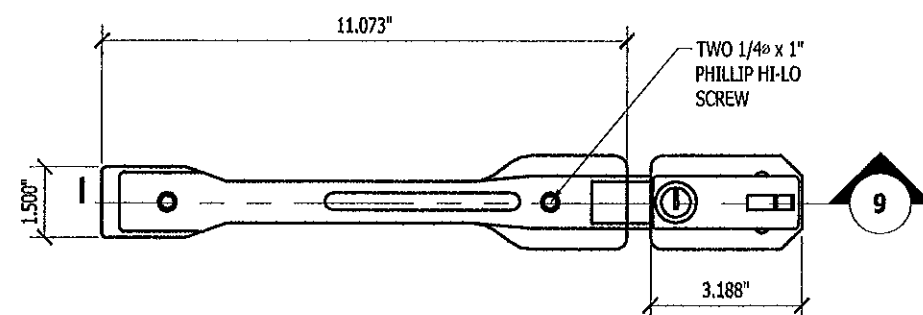
46"x91 3/4" MAX DS WITH 30"x30" DOOR
OPENING TYPE WA OR WB OR MIX & MATCH



REACH-IN DOOR UNEXPOSED TO EXTERIOR

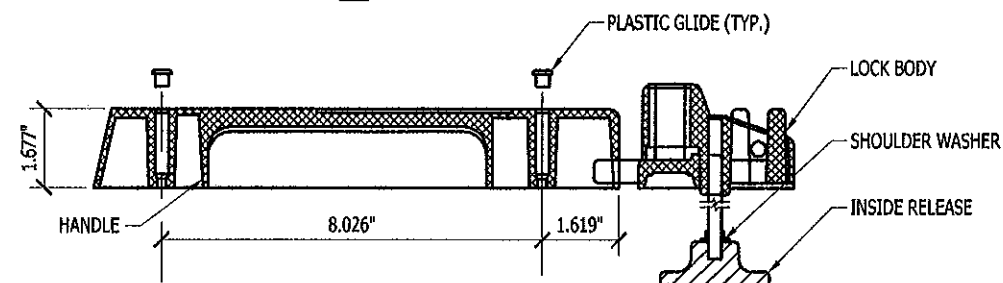
SCALE: 3/8" = 1'-0"

46"x91 3/4" MAX DS WITH 30"x30" DOOR
OPENING TYPE WA OR WB OR MIX & MATCH



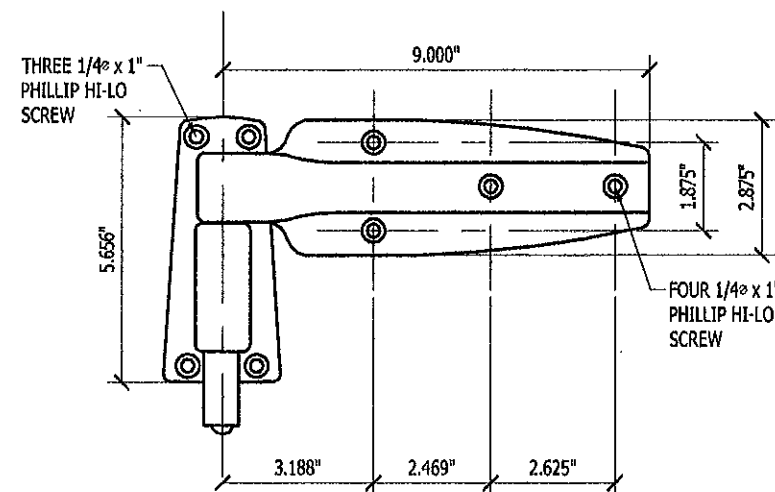
8 HANDLE

SCALE: 3" = 1'-0"



9 SECTION

SCALE: 3" = 1'-0"



10 HINGES

SCALE: 3" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0406.09
Expiration Date 03/04/2014
By *Helga A. Miller*
Miami Dade Product Control

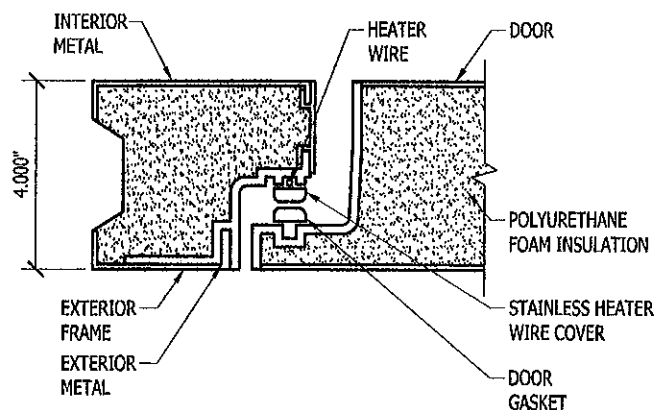
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FAX: (601) 649-0558
www.thermokol.com

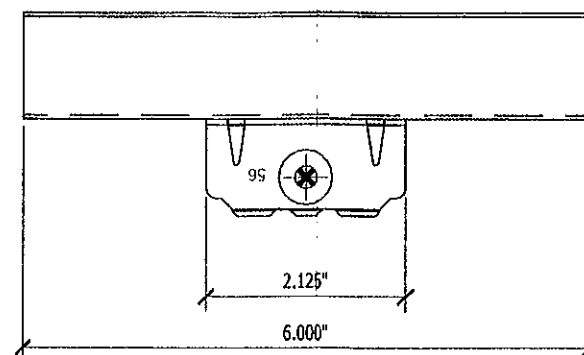
| revisions | | description |
|-----------|----------------|--|
| no | date | description |
| 1 | 05/04/2010 JWK | CHANGE HINGE INFORMATION AND GENERAL NOTES |
| 2 | 08/30/2012 JWK | REVISE NOTES FOR IBC-2010 |

J.W. Knezevich
Professional Engineer
FL License No. PE 41961

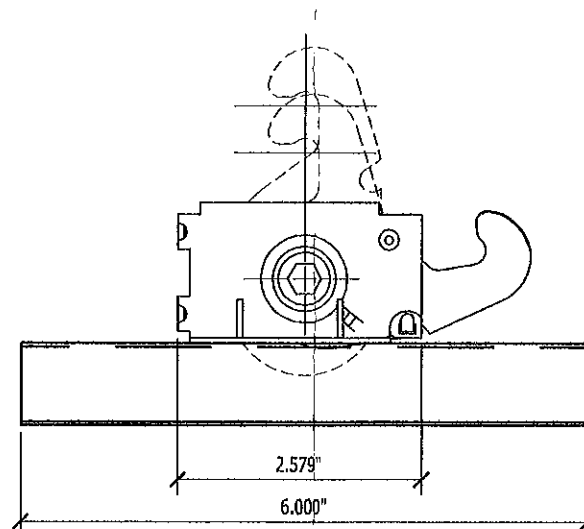
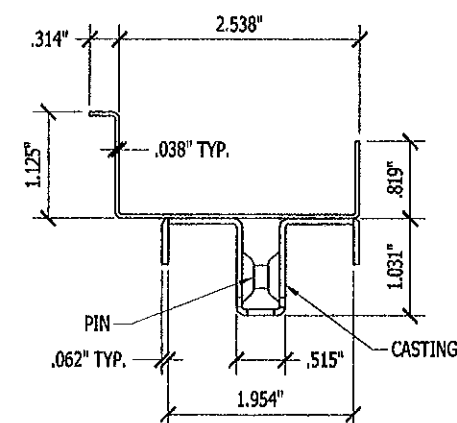
drawn by *ARV* scale *AS NOTED*
date 01/06/2009
drawing no. 09-MSI-01
sheet 4 of 5



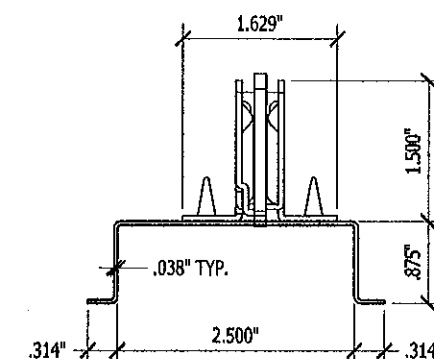
13 DOOR JAMB
SCALE: 3" = 1' - 0"



STRIKE ASSEMBLY



SHORT HOOK ASSEMBLY



14 CAMLOCK DETAILS BY KASON INDUSTRIES, INC.
SCALE: HALF SIZE

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By *[Signature]*
Miami Dade Product Control

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| revisions | | description |
|-----------|----------------|--|
| no | date | by |
| 1 | 05/04/2008 JWK | CHANGE HINGE INFORMATION AND GENERAL NOTES |
| 2 | 08/30/2012 JWK | REVISE NOTES FOR REC 2010 |

J.W. Knezevich
Professional Engineer
FL License No.: PE 41961
[Signature]
12/13/12
drawn by ARV scale AS NOTED
date 01/06/2009
drawing no. 09-MSI-01
sheet 5 of 5